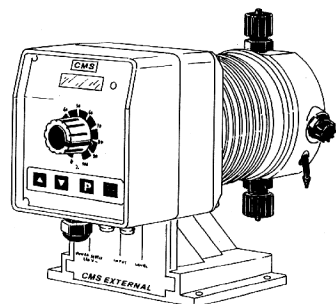
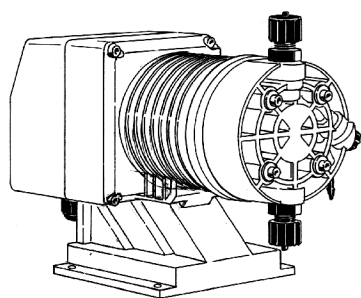


"CMS DIGITAL" series Metering Pumps

Data Sheet

"CMSA DIGITAL Self Venting"

Configuration



Power supply: 230 VAC (190÷265 VAC)
 Power supply: 115 VAC (90÷135 VAC)
 Power supply: 24 VAC (20÷32 VAC)
 Power supply: 12 VDC (10÷16 VDC)

MODELS		
Standard	Self Venting	
MF	AF	"CMS MF" Digital Multifunction pump (Constant, Divide, Multiply, PPM, Batch, Volt, mA), stand-by and flow sensor input, alarm output and level control.
PH	AA	"CMS PH" Proportional pump driven by internal built-in pH meter (0÷14pH) and level control, supplied without pH electrode.
RH	AH	"CMS RH" Proportional pump driven by internal built-in Redox (ORP) meter (0÷1000mV) and level control, supplied without Redox electrode.

CAPACITIES			HOSE "PVDF"	HOSE "PE"	VALVE
2505	5 l/h against 25 bar	1.32 GPH against 362 PSI	6x8	4x6	3/8"
1510	10 l/h against 15 bar	2.64 GPH against 217 PSI	6x8	4x8	3/8"
0720	20 l/h against 7 bar	5.28 GPH against 101 PSI	6x8	6x8	1/2"
0340	40 l/h against 3 bar	10.56 GPH against 43 PSI	8x10	8x12	1/2"
0260	60 l/h against 2 bar	15.85 GPH against 29 PSI	8x10	8x12	1/2"
CAPACITIES Self Venting MODELS					
253,2	3.2 l/h against 25 bar	0.84 GPH against 362 PSI	6x8	4x6	3/8"
1506	6 l/h against 15 bar	1.58 GPH against 217 PSI	6x8	4x8	3/8"
0713	13 l/h against 7 bar	3.43 GPH against 101 PSI	6x8	6x8	1/2"
0330	30 l/h against 3 bar	7.92 GPH against 43 PSI	8x10	8x12	1/2"
0238,5	38.5 l/h against 2 bar	10.17 GPH against 29 PSI	8x10	8x12	1/2"

POWER SUPPLY	
00	230 VAC Schuko Plug
0S	230 VAC Australian Plug
01	230 VAC Without Plug
03	115 VAC US Plug
04	24 VAC Without Plug
05	12 VDC *
07	24 VDC
*Not available on some models.	

Model C MF 2505 V 00 00

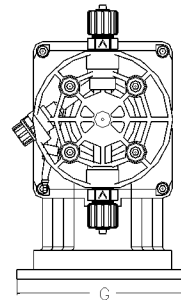
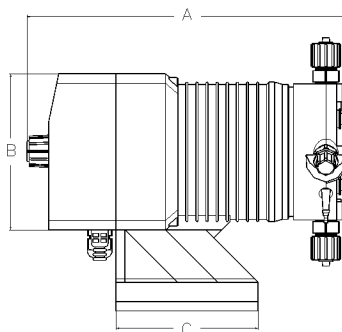
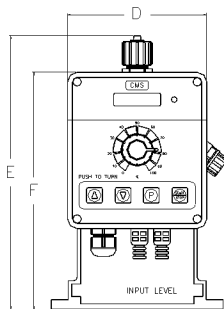
LIQUID ENDS								
	Head	Orings	Valve		Diaphragm	Hose		Viscosity
			Body	Balls		Delivery	Suction	Max CPS
V	Polypropylene	Viton®	Polypropylene	Ceramic	PTFE	Polyethylen	PVC	100
D	Polypropylene	Etylene Propylene	Polypropylene	Ceramic	PTFE	Polyethylen	PVC	100
W	Polypropylene	Nytrile	Polypropylene	Ceramic	PTFE	Polyethylen	PVC	100
T	Polypropylene	Viton®+PTFE	Polypropylene	Ceramic	PTFE	Polyethylen	PVC	100
S	Polypropylene	Silicone	Polypropylene	Ceramic	PTFE	Polyethylen	PVC	100
A	Acrylic	Viton®	Polypropylene	Ceramic	PTFE	Polyethylen	PVC	100
K	PVDF	Viton®	PVDF	Ceramic	PTFE	PVDF	PVDF	100
P	PVDF	EPDM	PVDF	Ceramic	PTFE	PVDF	PVDF	100
Z	SS	Viton®	SS	SS	PTFE	N/A	N/A	100
\$	Acrilico	Viton®	Polypropylene	SS+Hastelloy Spring	PTFE	Polyethylen	PVC	8000*
Viton® is a registered trademark of DuPont Dow Elastomers.								
*Using high viscosity pump head "\$" pump output may results lower in some applications.								

"CMS DIGITAL" series Metering Pumps

Data Sheet

"CMSA DIGITAL Self Venting"

INFORMATION						
	Stroke speed		Stroke length range reliability	Power consumption at (230VAC)	Power consumption at (115VAC)	Weight
	Min	Max				
	Strokes hour	Strokes minute				
2505	1	120	from 30% to 100%	42 Watt	24 Watt	9 Kg (19.8 Lbs)
1510	1	120				
0720	1	120				
0340	1	120				
0260	1	120				
INFORMATION FOR Self Venting MODELS						
252,3	1	120	from 30% to 100%	42 Watt	24 Watt	
1506	1	120				
0713	1	120				
0330	1	120				
0238,5	1	120				



DIMENSIONS		
	mm	inches
A	285.30	11.23
B	139.00	5.47
C	126.50	4.98
D	124.00	4.88
E	243.50	9.58
F	211.00	8.30
G	153.00	6.02

IP65 enclosure (NEMA4x)

"CMS DIGITAL" dosing pumps are manufactured in moulded glass filled and Polypropylene housing to ensure protection against aggressive chemicals and tough environment.

MORE INFORMATION								
	Flow				cc per Stroke		Maximum injection Pressure	
	Min cc/h	Max l/h	Min GPH	Max GPH	Min	Max		
2505	0.21	5	0.00005	1.32	0.21	0.70	25 bar	362 PSI
1510	0.42	10	0.00011	2.64	0.42	1.4	15 bar	217 PSI
0720	0.84	20	0.00022	5.28	0.84	2.8	7 bar	101 PSI
0340	1.68	40	0.00044	10.56	1.68	5.6	3 bar	43 PSI
0260	2.52	60	0.00066	15.85	2.52	8.4	2 bar	29 PSI
MORE INFORMATION FOR Self Venting MODELS								
252,3	0.096	2.3	0.00002	0.61	0.096	0.32	25 bar	362 PSI
1506	0.249	6	0.00006	1.59	0.249	0.83	15 bar	217 PSI
0713	0.543	13	0.00014	3.43	0.543	1.81	7 bar	101 PSI
0330	1.251	30	0.00033	7.93	1.251	4.17	3 bar	43 PSI
0238,5	1.605	38.5	0.00042	10.17	1.605	5.35	2 bar	29 PSI